TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION

CHEMICAL ANALYSIS REPORT

Regulated Volatile Organic Chemicals

Water System Name and Address _____

Sample Type Key
D - Distribution
B - Entry Point
E - Composite
S - Special

County: _____

PWSID (1 - 7) | Entry Point (8) | Sample Date (36 - 41) | Sample Type (42) | Sample Time (43 - 46)

Collected by: _____ Sampling Point (33 - 35) _____

Laboratory Name: _____ Lab ID (47 - 51)

Analyte ID (9 - 12)	Name	Method (13 - 20)	Sign (21)	Results (22 - 25)	Decimal (26)	Analysis Date (27 - 32)	MCL (mg/L)	Analyst
2378	1,2,4-Trichlorobenzene						0.07	
2380	cis-1,2-Dichloroethylene						0.07	
2955	Xylenes - Total						10	
2964	Dichloromethane						0.005	
2968	o-Dichlorobenzene						0.6	
2969	p-Dichlorobenzene						0.075	
2976	Vinyl Chloride						0.002	
2977	1,1-Dichloroethylene						0.007	
2979	trans-1,2-Dichloroethylene						0.1	
2980	1,2-Dichloroethane						0.005	
2981	1,1,1-Trichloroethane						0.20	
2982	Carbon Tetrachloride						0.005	
2983	1,2-Dichloropropane						0.005	
2984	Trichloroethylene						0.005	
2985	1,1,2-Trichloroethane						0.005	
2987	Tetrachloroethylene						0.005	
2989	Monochlorobenzene						0.1	

(continued on reverse)

Analyte ID (9 - 12)	Name	Method (13 - 20)	Sign (21)	Results (22 - 25)	Decimal (26)	Analysis Date (27 - 32)	MCL (mg/L)	Analyst
2990	Benzene						0.005	
2991	Toluene						1	
2992	Ethylbenzene						0.7	
2996	Styrene						0.1	

Laboratories analyzing for the presence of VOCs must achieve a minimum detection limit (MDL) of 0.0005 mg/L for all volatile contaminants. If a contaminant listed is detected at a concentration exceeding 0.0005 mg/L, the system must monitor quarterly at each sampling point which resulted in a detection.

Analytical reports showing a concentration less than a value which is greater than the MDL (0.0005 mg/L) are not acceptable for demonstrating compliance with the Safe Drinking Water Regulations. For example, if a report shows tetrachloroethylene at a concentration of < 0.0007 mg/L, the sample results will not be considered valid.

Compositing of samples is encouraged provided the MDL is less than one-fifth of the MCL.

Report analytical results in milligrams/liter.

Return form to: Tennessee Division of Water Supply, 6th Floor, L & C Tower, 401 Church Street, Nashville, TN 37243-1549